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CLAIMS

What is claimed is:

1. An ingestible imaging system comprising:
an ingestible housing comprising an imaging sensor and a motor-driven propulsion device.
2. The ingestible imaging system according to claim 1, wherein said motor-driven propulsion device comprises a motor and a propeller.
3. The ingestible imaging system according to claim 1, wherein said ingestible housing further comprises a steering device.
4. The ingestible imaging system according to claim 1, wherein said motor-driven propulsion device is adapted to propel said ingestible housing in a random motion path.
5. The ingestible imaging system according to claim 3, further comprising a processor in communication with at least one of said motor-driven propulsion device and said steering device, which controls operation of at least one of said motor-driven propulsion device and said steering device.
6. The ingestible imaging system according to claim 5, wherein said processor is internal to said ingestible housing.
7. The ingestible imaging system according to claim 5, wherein said processor is external to said ingestible housing.
8. The ingestible imaging system according to claim 3, further comprising a processor in communication with said imaging sensor.
9. The ingestible imaging system according to claim 1, wherein said ingestible housing further comprises a transmitter.
10. The ingestible imaging system according to claim 1, wherein said ingestible housing further comprises a receiver.
11. The ingestible imaging system according to claim 1, further comprising a guard adapted to prevent said motor-driven propulsion device from contacting tissue.
12. The ingestible imaging system according to claim 1, wherein said imaging sensor comprises at least one of a CCD camera, an illumination device, a vision device, an ultrasound sensor, and an x-ray emitter.
13. The ingestible imaging system according to claim 1, wherein said ingestible housing comprises a magnetic device.